

# KAWASAKI

## 2011 NINJA 1000/ 2010-11 Z1000

**READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION**

### NOTICE:

Fuelpak is intended for racing use only, and is not legal for sale or use in California on pollution-controlled vehicles.

### TOOLS NEEDED

4 mm allen  
5 mm allen  
3/8" Ratchet  
10 mm socket  
10 mm wrench



2011 Kawasaki Ninja 1000/ 2010-11 Z1000  
Fuel Injected Models

INSTALLATION INSTRUCTIONS FOR P/N 63023

**INTRODUCTION:** Congratulations on your purchase of the Fuelpak Fuel Management System for fuel injected Kawasaki Ninja 1000/ Z1000 motorcycles. Please take the time to read the entire instruction manual before attempting to install. DO NOT adjust the Fuelpak until you have thoroughly read the instruction manual and the unit is fully installed. If you have questions, please call (562) 921-0071.

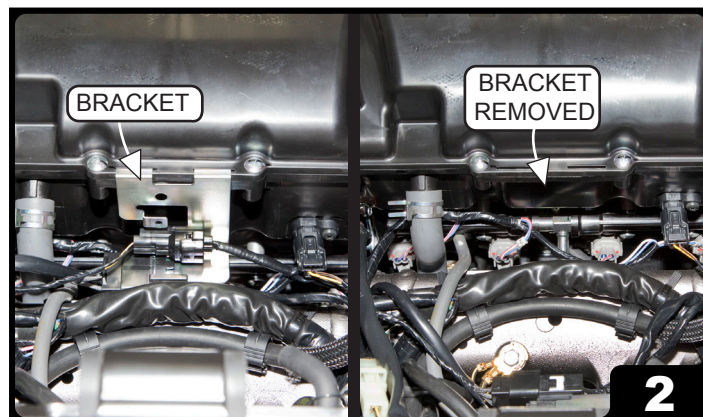
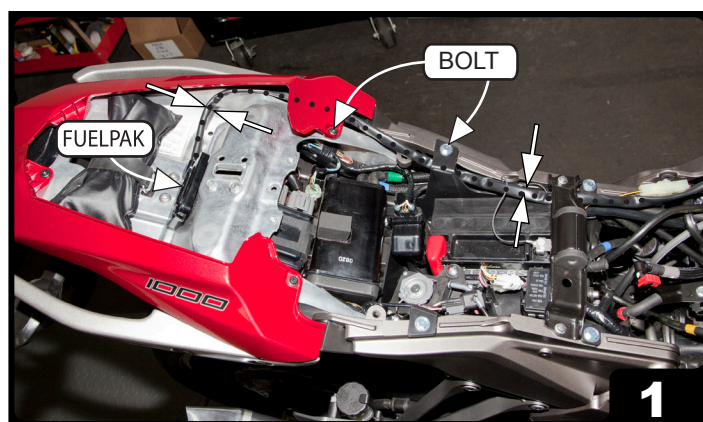
**SUMMARY:** To achieve the optimum performance from your application, it is recommended that you install a high performance air filter in conjunction with this unit. The Fuelpak will be installed in-line the factory injector wiring harness. The Fuelpak will be mounted under the passenger seat.

**PLEASE NOTE: FUELPAK USE REQUIRES A HIGH PERFORMANCE AIR FILTER.**

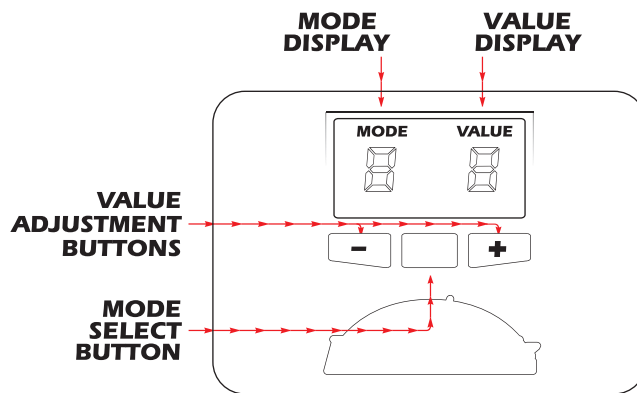
# FUEL INJECTION MANAGEMENT SYSTEM

## INSTALLATION INSTRUCTIONS

1. Be sure the main and handlebar switches are in the off position during the installation process. Failure to do this will cause the "check engine" light to be set.
2. Remove rider and passenger seats.
3. Remove fuel tank.
4. Lay Fuelpak in tail section and route harness forward down left side of bike. It will be necessary to remove the tail section bolt and the rear battery box bolt. **(FIG 1)**  
Fuelpak should be routed under both. Route Fuelpak under rear fuel tank mount towards injectors.
5. Slide bracket at rear of air box upwards and remove. This will allow access to lower injectors. **(FIG 2)**
6. Unplug stock harness from injectors.
7. Plug Fuelpak harness inline between stock harness and injectors
8. Locate the Throttle Position Sensor (TPS) on the right side of bike. Sensor is behind coolant hose. TPS connector is the Black connector, NOT the Grey connector. **(FIG 3)**
9. Attach Fuelpak black ground wires to negative side of the battery.
10. Re-install fuel tank.
11. You are now ready to set-up your Fuelpak.



## HOW IT WORKS



## ENTERING VALUES

1. Refer to the Fuelpak setting reference to locate the setting values specific to your motorcycle and exhaust application. If you do not find your setting, visit [www.fuelpakfi.com](http://www.fuelpakfi.com) or call tech support at (562)- 921-0071.
2. Turn on main power and handlebar switches, and start engine. Fuelpak display should light up, if not, turn power off and verify all connections are fully seated.
3. Press mode button once to reach mode 1. (Display should show a "1" under "MODE".)
4. Starting with mode 1 selected, press the value (+) or the value (-) buttons to input the correct value as indicated in your Setting Value. After entering your first value, press the mode select button to move to mode 2 and enter the value. Continue until you have entered the value for each of the first 18 mode positions. Each time the value (+) is pressed; the value increases by one number. Each time the value (-) is pressed; the value decreases by one number. (Please refer to the "How It Works" section directly above if you have questions about this step.
5. By pressing the mode select button three times, move to mode 21 and verify that it reads "0" when the throttle is closed and increases as you twist the throttle.
6. Turn power off, wait one second then turn power back on. Verify all modes are set correctly and turn power off.
7. Secure Fuelpak to tail section with supplied velcro. (FIG 1)
8. Re-install rider and passenger seats.
9. You are now ready to ride.

## IN THE EVENT OF A MALFUNCTION, PLEASE CHECK THE FOLLOWING

## TECH SUPPORT

1. Turn off main and handlebar switches then verify all connectors are fully seated.
2. Be sure setting values are correct for your application.
3. Verify throttle calibration, step 5 in Entering Values.
4. Check harness for cuts, scrapes or abrasions.
5. Make sure the battery is fully charged and the charging system is operating correctly.
6. Call technical support at (562) 921-0071

## WARRANTY INFORMATION

**WARRANTY:** Your Fuelpak unit is warranted against defects in materials and workmanship for the period of 90 days from the original retail purchase. In the event of an alleged defect in material or workmanship, Fuelpak's responsibility is strictly limited to repair or replace the defective product. Fuelpak shall not be responsible for (a) labor, transportation, or other incidental charges; (b) consequential or other damages incurred by use of any product. Fuelpak offers no other warranty beyond this limited warranty. This limited warranty does not apply to products which have been (a) modified or altered in any way; (b) subjected to adverse conditions, such as misuse, neglect, accident,

improper installation or adjustment, contaminants, corrosion, or faulty repair; or (c) used in applications other than those recommended by Fuelpak. To initiate a warranty process, the consumer must first call technical support to receive a return authorization number. The product must be returned to Fuelpak complete with a dated receipt and a return authorization number.

Fuelpak  
 Attn: Warranty Claims  
 13861 Rosecrans Avenue  
 Santa Fe Springs, CA 90670  
 (562) 921-0071